

PROGRAM :

```
import 'package:flutter/material.dart';

void main() {
  runApp(const StudentRecordApp());
}

class StudentRecordApp extends StatelessWidget {
  const StudentRecordApp({super.key});

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      title: 'Student Record Management',
      theme: ThemeData(
        primarySwatch: Colors.teal,
      ),
      home: const StudentHomePage(),
    );
  }
}

class StudentHomePage extends StatefulWidget {
  const StudentHomePage({super.key});

  @override
```

```
State<StudentHomePage> createState() => _StudentHomePageState();  
}  
  
  
class _StudentHomePageState extends State<StudentHomePage> {  
  
    final TextEditingController nameController = TextEditingController();  
  
    final TextEditingController rollController = TextEditingController();  
  
    final TextEditingController deptController = TextEditingController();  
  
  
    List<Map<String, String>> students = [];  
  
  
    void addStudent() {  
        if (nameController.text.isNotEmpty &&  
            rollController.text.isNotEmpty &&  
            deptController.text.isNotEmpty) {  
            setState(() {  
                students.add({  
                    'name': nameController.text,  
                    'roll': rollController.text,  
                    'dept': deptController.text,  
                });  
            });  
        }  
  
        nameController.clear();  
        rollController.clear();  
        deptController.clear();  
    }  
}
```

```
void cancelInput() {  
    nameController.clear();  
    rollController.clear();  
    deptController.clear();  
}  
  
void deleteStudent(int index) {  
    setState(() {  
        students.removeAt(index);  
    });  
}  
  
@override  
Widget build(BuildContext context) {  
    return Scaffold(  
        appBar: AppBar(  
            title: const Text('Student Record Management'),  
            centerTitle: true,  
        ),  
        body: Padding(  
            padding: const EdgeInsets.all(16),  
            child: Column(  
                children: [  
                    // Student Name  
                    TextField(  
                        controller: nameController,  
                        decoration: const InputDecoration(  
                            hintText: 'Enter Student Name',  
                            border: OutlineInputBorder(  
                                borderRadius: BorderRadius.circular(10),  
                            ),  
                        ),  
                    ),  
                ],  
            ),  
        ),  
    );  
}
```

```
        labelText: 'Student Name',  
        border: OutlineInputBorder(),  
    ),  
,  
const SizedBox(height: 10),
```

```
TextField(  
    controller: rollController,  
    decoration: const InputDecoration(  
        labelText: 'Roll Number',  
        border: OutlineInputBorder(),  
    ),  
,  
const SizedBox(height: 10),
```

```
TextField(  
    controller: deptController,  
    decoration: const InputDecoration(  
        labelText: 'Department',  
        border: OutlineInputBorder(),  
    ),  
,  
const SizedBox(height: 10),
```

```
Row(
```

```
children: [
    Expanded(
        child: ElevatedButton(
            onPressed: addStudent,
            child: const Text('Add Student'),
        ),
    ),
    const SizedBox(width: 10),
    Expanded(
        child: OutlinedButton(
            onPressed: cancelInput,
            child: const Text('Cancel'),
        ),
    ),
],
),

const SizedBox(height: 20),

const Text(
    'Student List',
    style: TextStyle(fontSize: 18, fontWeight: FontWeight.bold),
),
const SizedBox(height: 10),

Expanded(
    child: students.isEmpty
```


OUTPUT :

Student Record Management

Student Name

Roll Number

Department

[Add Student](#) [Cancel](#)

Student List

No Records Found

Student Record Management

Student Name

Roll Number

Department

[Add Student](#) [Cancel](#)

Student List

Priya
Roll: 101 | Dept: CSE ✖

Ravi
Roll: 123 | Dept: EEE ✖